

AMENDMENTS TO THE ABSTRACT

Please replace the ABSTRACT with the ABSTRACT appearing on the immediately following page.

ABSTRACT

An inner motor is structured to increase the discharge rate of an internal gear pump by making it possible to freely adjust the eccentricity e between the inner and outer rotors. Each tooth of the inner rotor includes a tooth bottom defined by hypocycloidal curves, an engaging portion to be brought into engagement with the outer rotor and defined by involute curves, and a tooth top defined by a predetermined curve such as a part of a circle or an oval or an epicycloidal curve.